Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 17 Dec 2020 until 23:59 on Friday 18 Dec 2020

Forecast Issued on Thursday 17 Dec 2020 at 02:49

Confidence: High for some bright or sunny spells and a few showers by day Thursday after a cloudy start. A series of rain bands interspersed with showers crossing from the west later, however confidence lowering through the forecast in the timings and intensity of the worst of the conditions.

Headline for Thursday 17 Dec 2020: Showers by day. Windy at height. Rain during evening.

Mountain weather hazards on Thursday 17 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Heavy Rain
Precipitation probability					
20%	10%	10%	20%	10%	60%

Forecast for Thursday 17 Dec 2020

Weather: Rather cloudy on western hills at first, but some sunny spells in the sheltered east. Mainly dry with only a small risk of a few passing showers possible through to late morning. Mainly dry, with increasing sunny spells for the afternoon. Rain spreading from the west during the evening.

Chance of cloud free mountain/hill tops above 600m: Initially 80% with bases lowering 450-650m in showers, becoming during the afternoon 95% as most showers decay, finally lowering 30-40% late evening as rain spreads from the west.

Visibility: Good or very good sporadically lowering moderate or poor in showers, then more generally in periods of rain late evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 17 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/30 SW	24/33 SW	23/31 SW	21/31 S	26/36 S	31/44 S	32/45 S
300	17/25 SW	17/27 SW	17/25 SW	16/25 S	18/29 S	23/36 S	24/38 S
Valley	9/23 SW	10/24 SW	10/23 SW	9/22 S	11/27 S	15/34 S	14/34 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-3	4/-2	5/-1	5/-0	6/0	6/1
300	5/1	5/0	6/2	7/3	7/3	8/4	9/4
Valley	5/2	5/2	6/3	7/5	8/5	9/5	9/6
Freezing Level*	1000m	1100m	1100m	1400m	1600m	2000m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height with significant wind chill initially. Best of conditions during afternoon. Hill fog and summit gales by late evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 17 Dec 2020	10mm	10mm	11mm

Forecast for Friday 18 Dec 2020

Weather: Quite unsettled with showers or longer periods of rain. Best of drier spells during the morning with some limited brightness, with more persistent and heaviest rain expected between mid-afternoon and mid-evening.

Maximum wind: Southerly mean 30mph with gusts reaching 45-50mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 40% during the morning, then 20% from the afternoon as bases become quite extensive from 450-600m

Visibility: Moderate or good, occasionally poor or very poor.

Temperature: **Valleys:** Plus 5 Celsius increasing 13 Celsius during the afternoon
At 600m: Plus 6-8 Celsius
Freezing level: Above all summits

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